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2684



Customer Number 020991

Patent
PD-200029

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Frank A. Hagen, et al : Date: August 5, 2004

Serial No.: 09/576,652 : Group Art Unit: 2684

Filed: May 22, 2000

For: MULTI-NODE POINT-TO-POINT SATELLITE : Examiner: Raymond S. Dean

COMMUNICATION SYSTEM EMPLOYING
MULTIPLE GEO SATELLITES

**NOTICE OF ALLOWANCE AND FEE
MAILED: May 07, 2004**

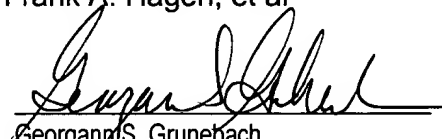
LETTER TO OFFICIAL DRAFTSPERSON

Mail Stop RCE
Commissioner for Patents
P. O. Box 1450
Alexandria, VA Washington, 22313-1450

Dear Sir:

The above-identified patent application was originally filed with formal drawings. However, in response to the NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW, (copy enclosed) included with paper no. 10, and dated April 16, 2004, objection to numbers and reference characters not plain and legible for Figures 1 and 2 has been describe as "Pale". A complete set of formal drawings is enclosed and includes the corrected Figures 1 and 2. It is requested that these drawings be incorporated into the file before issuance.

Respectfully submitted,
Frank A. Hagen, et al

By: 
Georgann S. Grunebach
Attorney for Applicants and Assignee
Registration No. 33,179

The DIRECTV Group, Inc.
PATENT DOCKET ADMINISTRATION
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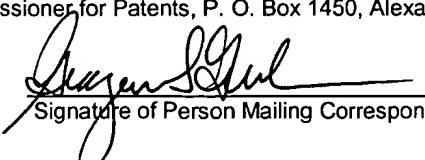
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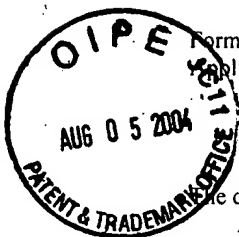
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Georgann S. Grunebach, Reg. No. 33,179
Typed Name of Person Mailing Correspondence


Signature of Person Mailing Correspondence



Form PTO-948 (Rev. 08/08)

Application No. 09/1576652U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 5/22/00 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) _____

☐ Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s) _____

☐ Photographs may not be mounted. 37 CFR 1.84(e)

☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____

☐ Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable.

Fig(s) _____

☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted.

Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

☐ All drawing sheets not the same size.

Sheet(s) _____

☐ Drawings sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☐ Margins not acceptable. Fig(s) _____

Top (T) Left (L)

Right (R) Bottom (B)

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly.

Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

☐ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____

11. SHADING. 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) _____

☐ Solid black shading not permitted. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)

☒ Numbers and reference characters not plain and legible. Fig(s) 1, 2 (pale)

☐ Figure legends are poor. Fig(s) _____

☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____

☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____

☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. DESIGN DRAWINGS. 37 CFR 1.152

☐ Surface shading shown not appropriate.

Fig(s) _____

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____

COMMENTS:

Reviewer A. D.

If you have questions, call (703) 305-8404.

Date 4/16/04

Attachment to Paper No. _____



PATENT
PD-200029
Serial No. 09/576,652

COPY OF RCE
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AND
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Phone: (703) 305-8998

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From: Georgann S. Grunbach, Reg. No. 33,179

Fax: (310) 964-0941

Phone: (310) 964-1615

Georgann S. Grunbach
Assistant General Counsel DIRECTV, INC.

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Georgann S. Grunbach
Georgann S. Grunbach, Reg. No. 33,179
(Name of Applicant, Assignee or Registered Representative)

July 28, 2004
Date
(Date of Facsimile Transmission)

Re: Serial No. 09/576,652

Filed: May 22, 2000

Inventors: Frank A. Hagen, et al.

FOR: MULTI-NODE POINT-TO-POINT SATELLITE COMMUNICATION SYSTEM EMPLOYING
MULTIPLE GEO SATELLITES

Examiner: Raymond S. Dean (703) 305-8998 Group Art Unit: 2604 - Confirmation No.: 3276

Attorney Docket No.: PD-200029

PTO Date of Mailing of Notice of Allowance and Fees Due: May 7, 2004

Transmitted herewith, for the above-identified patent application, is the Request for Continued Examination (RCE) Transmittal and Information Disclosure Statement by Applicant via facsimile with certificate of facsimile transmission, pursuant to 37 CFR 1.8.

Georgann S. Grunbach
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Georgann S. Grunebach *July 27, 2004*
(Name of Applicant, Assignee or Registered Representative) (Date of Facsimile Transmission)

Re: Serial No. 09/576,652
Inventors: Frank A. Hagen, et al.

Filed: May 22, 2000

For: MULTI-NODE POINT-TO-POINT SATELLITE COMMUNICATION SYSTEM EMPLOYING
MULTIPLE GEO SATELLITES

Examiner: Raymond S. Dean (703) 305-8998 Group Art Unit: 2684 - Confirmation No.: 3276

Attorney Docket No.: PD-200029

PTO Date of Mailing of Notice of Allowance and Fee(s) Due: May 7, 2004

Transmitted herewith, for the above-identified patent application, is the Request for Continued Examination (RCE) Transmittal and Information Disclosure Statement by Applicant via facsimile with certificate of facsimile transmission, pursuant to 37 CFR 1.8.

Georgann S. Grunebach
Georgann S. Grunebach, Registration No. 33,179

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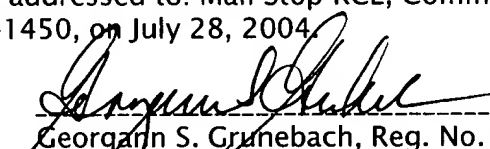
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Assistant General Counsel DIRECTV, INC.

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Georgann S. Grunebach, Reg. No. 33,179


Date

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Filed: May 22, 2000

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